

PA-SHT REV 5



THE PORT AUTHORITY
OF NY & NJ

Peter K. Leveney
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

Engineering Department
Design Division

The World Trade Center
Electrical/HVAC
Upgrade Program

TOWER ONE AND TWO
LOW VOLTAGE
SUBSTATIONS
CONSTRUCTION AND
INSTALLATION

ELECTRICAL

TYPICAL SUBSTATION
STAGE III
480-208/120V.
TRANSFORMERS
& BUSWAY

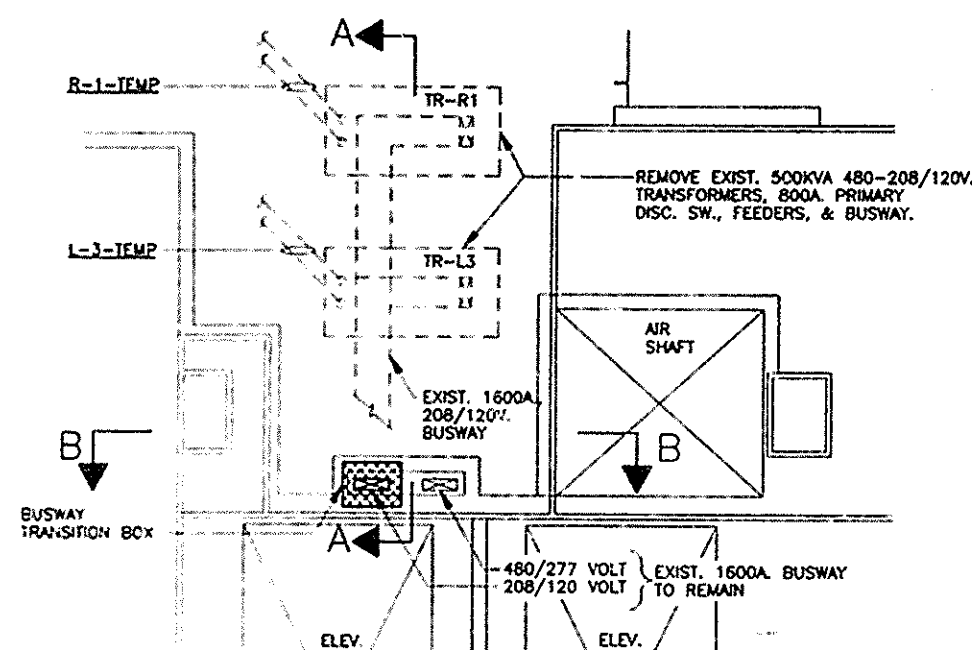
No. Date Revision Approved

This drawing is subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

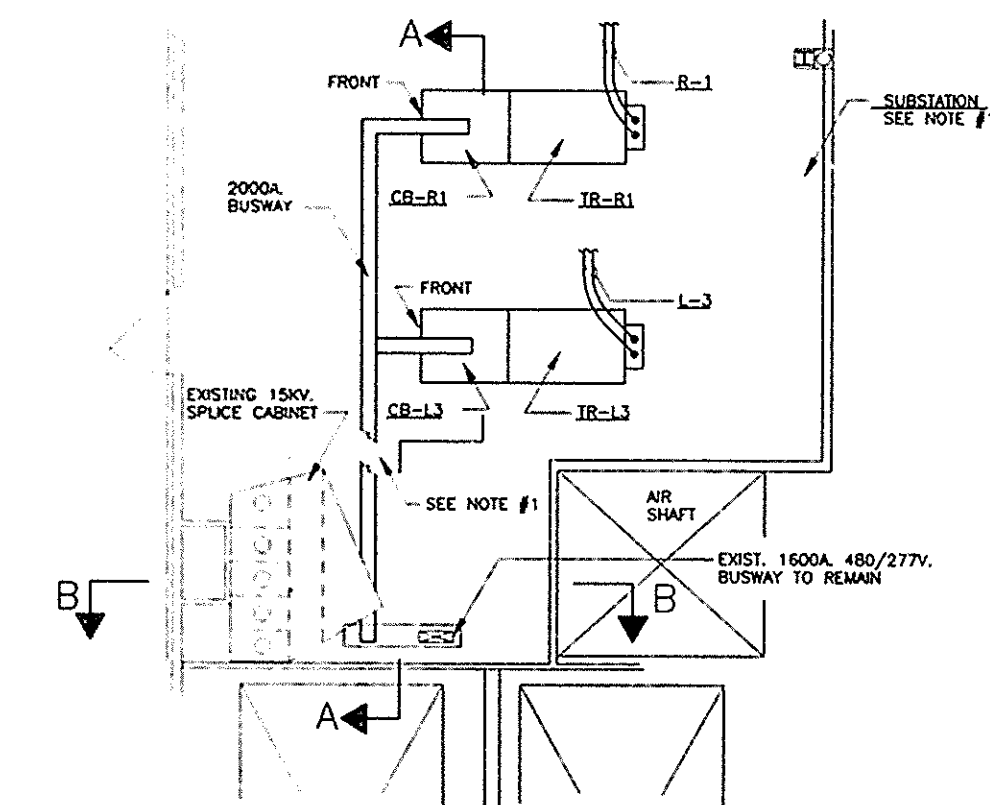
LEAHY/
FISCHER
Designed by Drawn by Checked by

Date 5-1-95 Scale AS NOTED

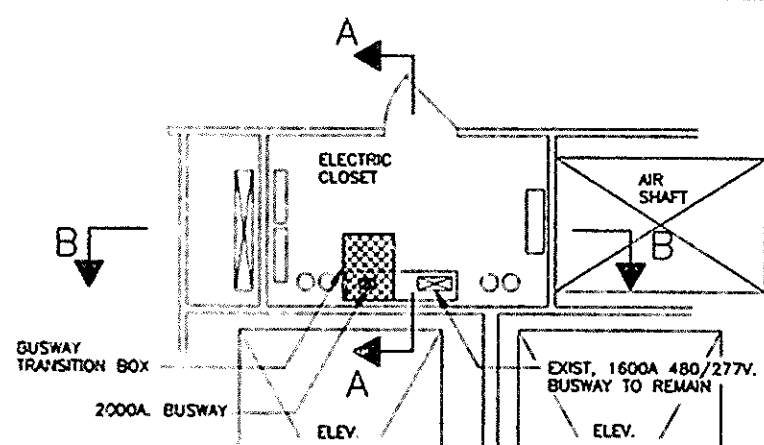
Contract Number Drawing Number
WTC 802.071 E-106



PART PLAN - 42nd OR 76th FLOOR

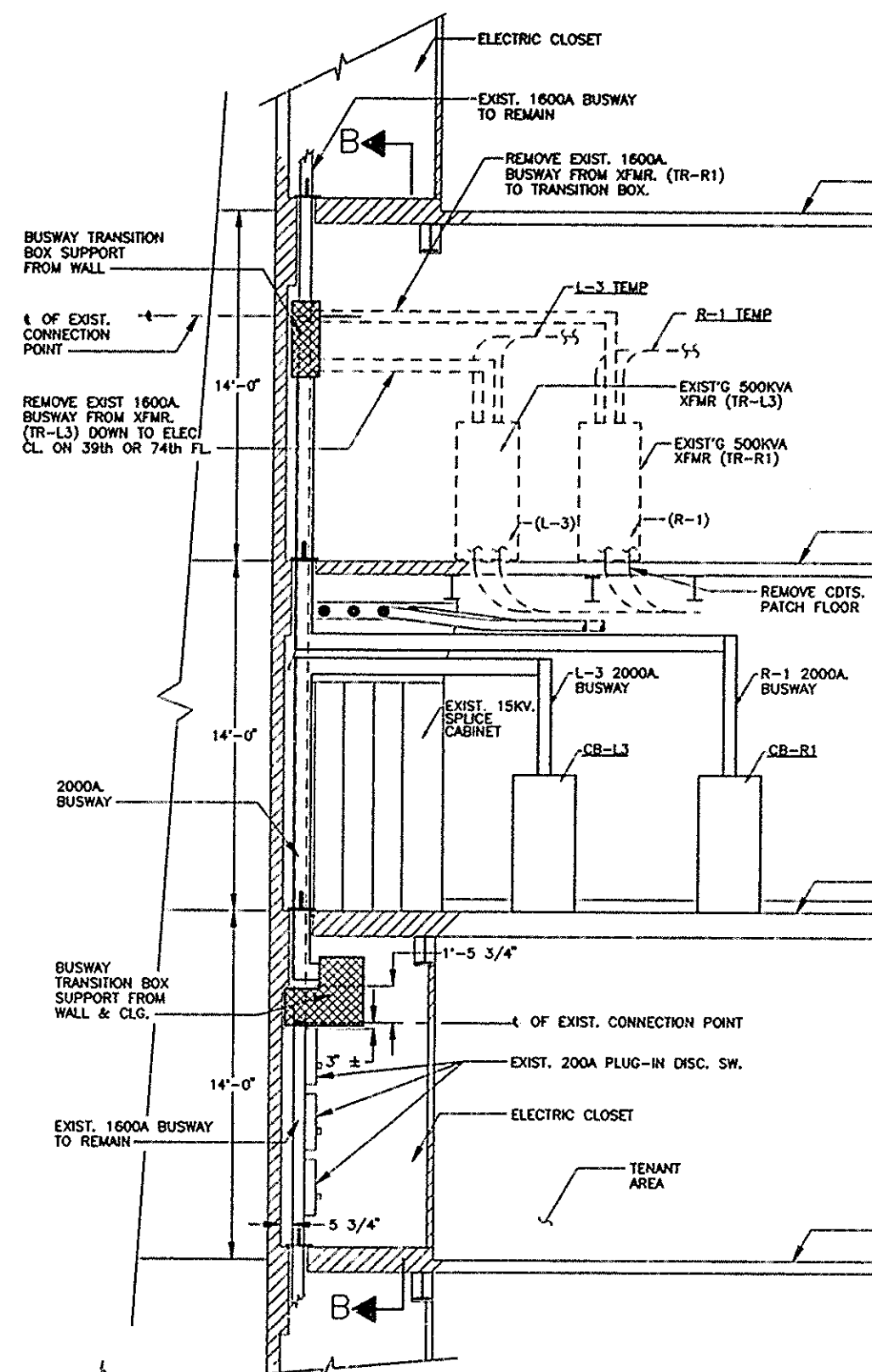


PART PLAN - 41st OR 75th FLOOR

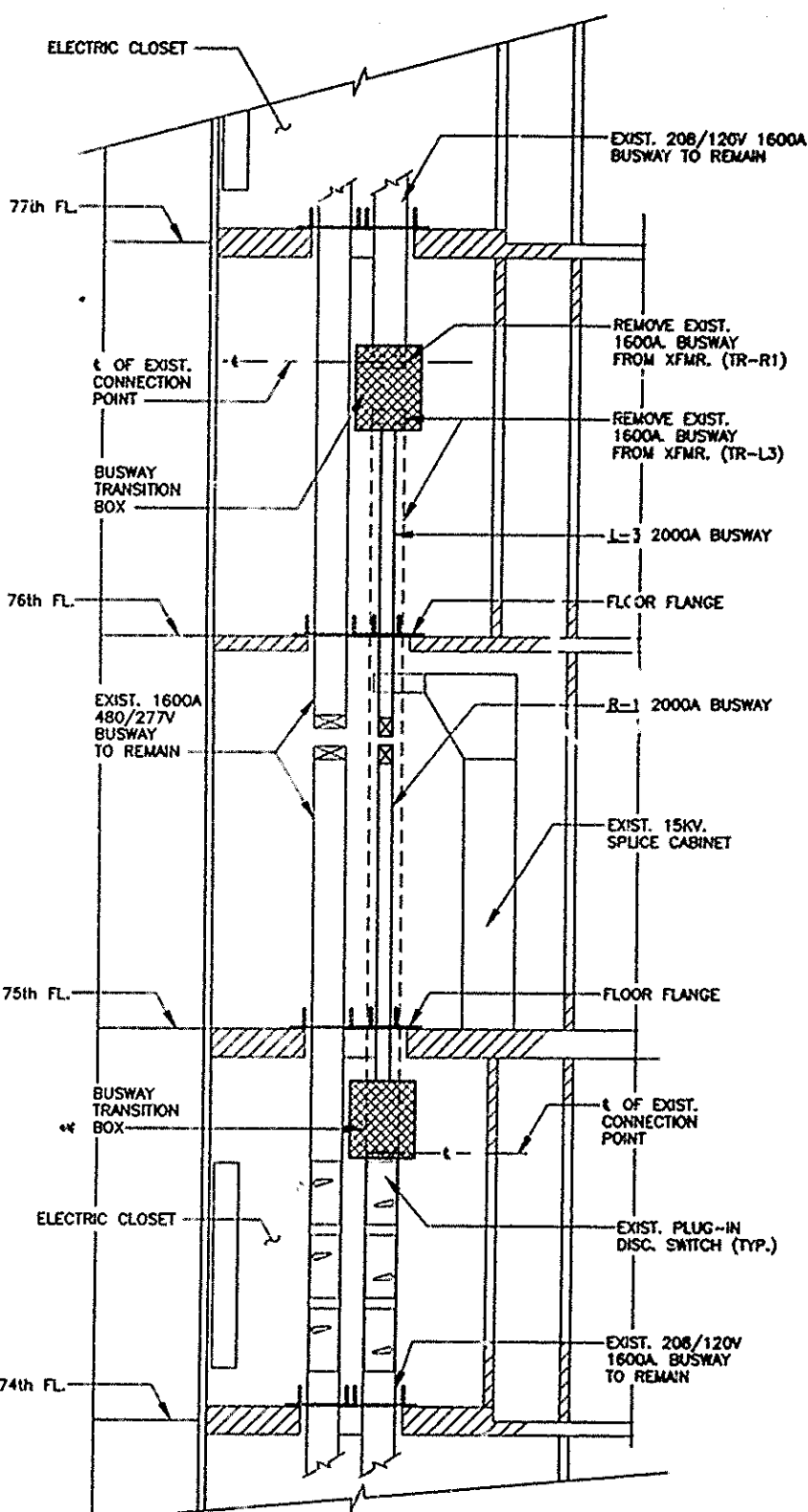


PART PLAN - 40th OR 74th FLOOR

SCALE IN FEET
0 2 4 6 8



SECTION A-A
SIDE VIEW

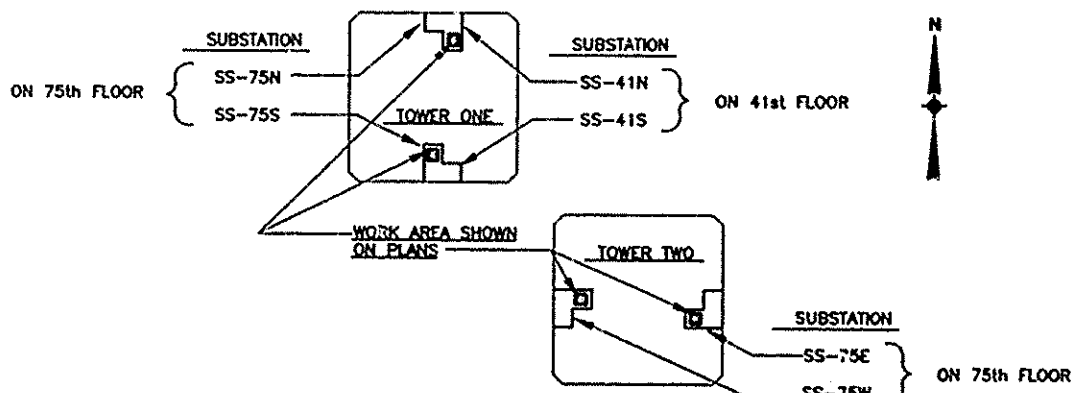


SECTION B-B
FRONT VIEW

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-802.071 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 6/21/95 Spec. Writer
DATE 8/15/95 Peter K. Leveney
ENGINEER OF DESIGN

- FOR LOCATION OF TRANSFORMERS AND CIRCUIT BREAKERS IN SUBSTATIONS SEE THE FOLLOWING DRAWINGS:
DWG. #E-16 - SUBSTATION SS-41N
DWG. #E-30 - SUBSTATION SS-41S
DWG. #E-44 - SUBSTATION SS-75N
DWG. #E-50 - SUBSTATION SS-75S
DWG. #E-73 - SUBSTATION SS-75W
DWG. #E-88 - SUBSTATION SS-75E
- FOR STAGING SEE DWG. #E-8, STAGE III STEP (L) & (U)



KEY PLAN
N.T.S.